

US-PAT-NO: 6283304

DOCUMENT-IDENTIFIER: US 6283304 B1

TITLE: Method for sorting mailpieces

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Brief Summary Text - BSTX (5):

The operation of automated sorting equipment typically entails an operator placing an armload of mail that has been edge aligned onto the feeder portion of the apparatus. The mailpieces are fed into the sorting apparatus and sorted into bins or compartments. Typically, when one or more bins become full, the sorting apparatus stops, and the bins are manually emptied into a mail tray by an operator. The foregoing increases the amount of time that is required to sort the mail. Some apparatus have complex automated mechanisms for emptying bins. From the mail tray, the mailpieces are either sent to a delivery location or sorted again. After the full bin(s) have been emptied, if additional mailpiece sorting is needed, the sorting apparatus is restarted and sorting continues.

Current US Cross Reference Classification - CCXR (3):

700/22

US-PAT-NO: 4681229

DOCUMENT-IDENTIFIER: US 4681229 A

TITLE: Note sorting and counting apparatus

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Detailed Description Text - DETX (95):

For example, if the note is obverse and normal (and of the **designated** denomination where the denomination is **designated**), upon detection of the leading edge of the note by either one of the sensors GSE4 and GSE5, either one of the motors GPM4 and GPM5 is driven to thereby rotate the gate plate GB4 or GB5 in the direction shown by a broken line, so that the note is transported toward the transport system n or o, and is introduced into the corresponding container. Two containers are allotted for the same kind of note, so that when one of the allotted containers becomes **full**, the other can be used for **receiving** the same kind of notes.

Current US Original Classification - CCOR (1):

**209/53**